

10/5776057

\*\*\*\*\* QUERY RESULTS \*\*\*\*\*  
(FORMULA 3a/4a)

=> d his l14

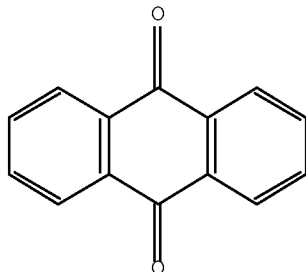
(FILE 'REGISTRY' ENTERED AT 08:16:27 ON 11 SEP 2009)  
SAVE TEMP L13 NGU057RECOM2/A

FILE 'HCAPLUS' ENTERED AT 08:24:13 ON 11 SEP 2009

L14 1 S L10

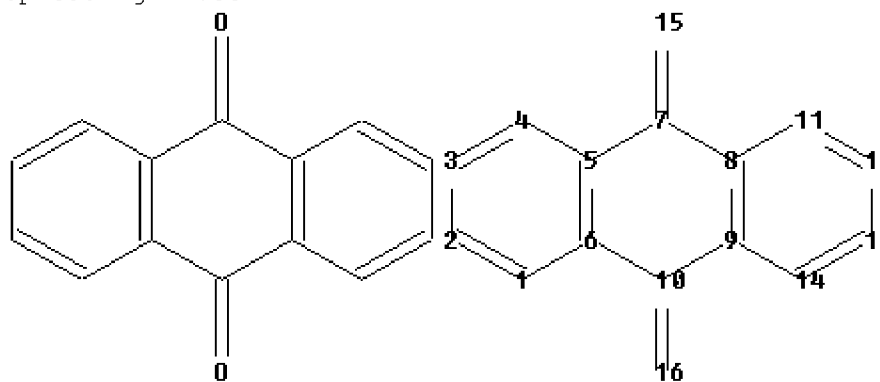
=> d que l14

L3 STR



Structure attributes must be viewed using STN Express query preparation:

Uploading L1.str



chain nodes :

15 16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

chain bonds :

7-15 10-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13 13-14

exact/norm bonds :

7-15 10-16

exact bonds :

5-7 6-10 7-8 9-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14

isolated ring systems :

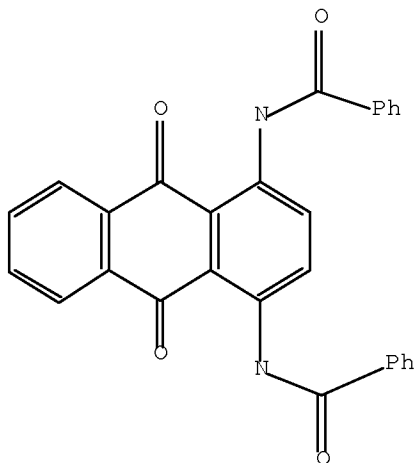
10/5776057

containing 1 :

Match level :

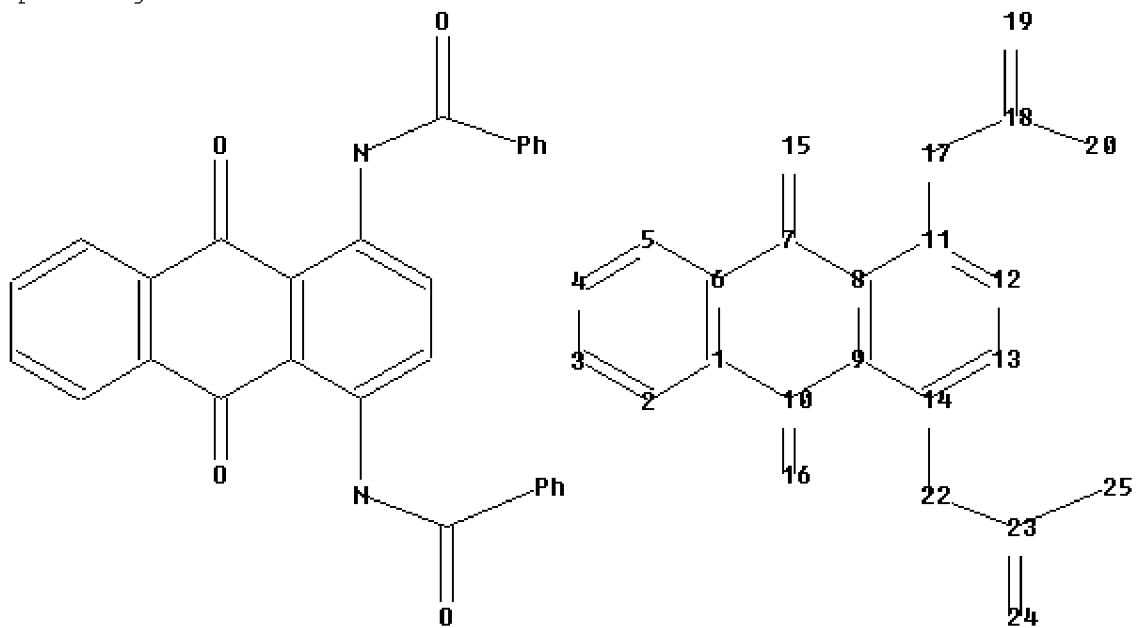
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS

L5 72890 SEA FILE=REGISTRY SSS FUL L3  
L7 STR



Structure attributes must be viewed using STN Express query preparation:

Uploading L3.str



**10/5776057**

chain nodes :  
15 16 17 18 19 20 22 23 24 25  
ring nodes :  
1 2 3 4 5 6 7 8 9 10 11 12 13 14  
chain bonds :  
7-15 10-16 11-17 14-22 17-18 18-19 18-20 22-23 23-24 23-25  
ring bonds :  
1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-11 9-10 9-14 11-12 12-13  
13-14  
exact/norm bonds :  
7-15 10-16 11-17 14-22 17-18 18-19 22-23 23-24  
exact bonds :  
1-10 6-7 7-8 9-10 18-20 23-25  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14  
isolated ring systems :  
containing 1 :

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 20:CLASS 22:CLASS  
23:CLASS 24:CLASS 25:CLASS

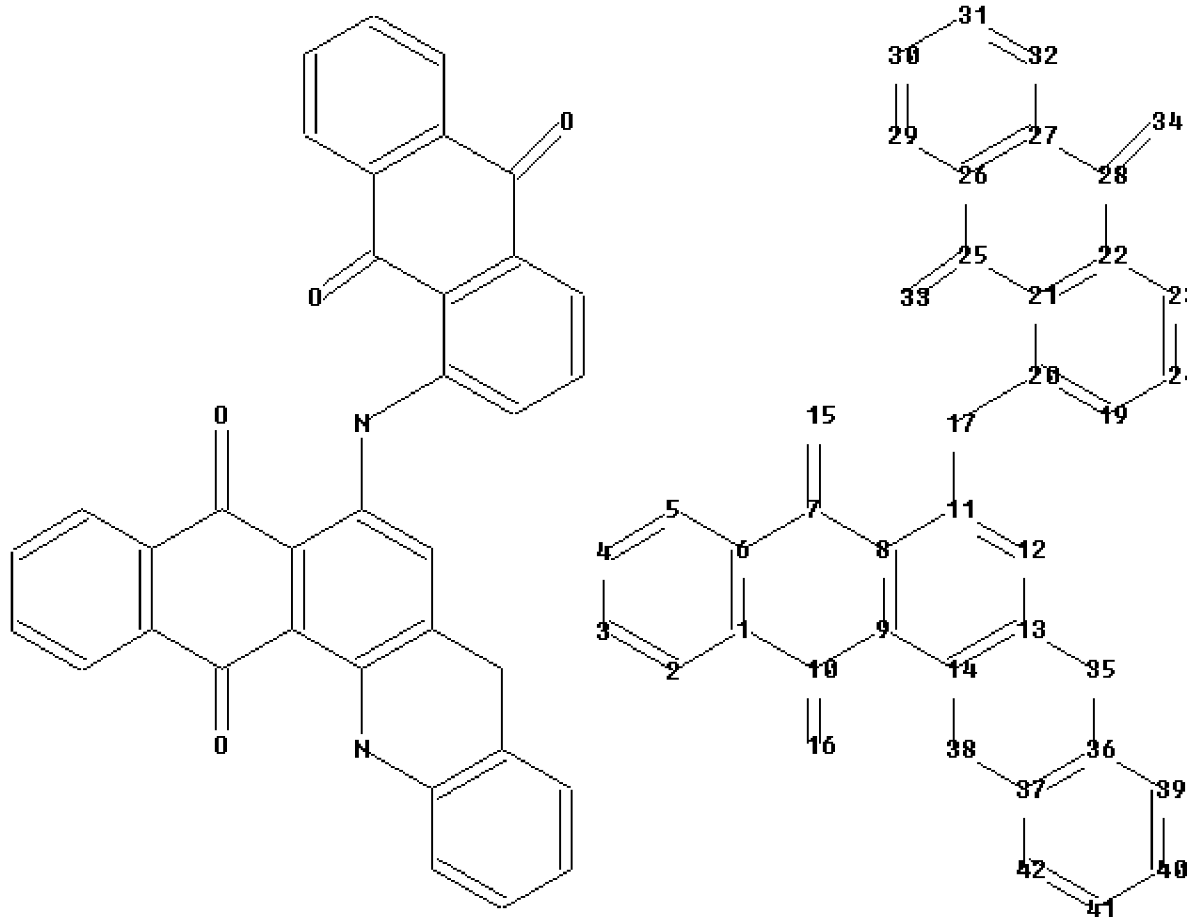
L8 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation:

Uploading L4.str

10/5776057



chain nodes :

15 16 17 33 34

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 35 36 37 38 39 40 41 42

chain bonds :

7-15 10-16 11-17 17-20 25-33 28-34

ring bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-11 9-10 9-14 11-12 12-13  
13-14 13-35 14-38 19-20 19-24 20-21 21-22 21-25 22-23 22-28 23-24 25-26  
26-27 26-29  
27-28 27-32 29-30 30-31 31-32 35-36 36-37 36-39 37-38 37-42 39-40 40-41  
41-42

exact/norm bonds :

1-10 6-7 7-8 7-15 9-10 10-16 11-17 13-35 14-38 17-20 25-33 28-34 35-36  
37-38

exact bonds :

21-25 22-28 25-26 27-28

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14 19-20 19-24  
20-21 21-22 22-23 23-24 26-27 26-29 27-32 29-30 30-31 31-32 36-37 36-39  
37-42 39-40  
40-41 41-42

isolated ring systems :

containing 1 : 19 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 19:Atom 20:Atom  
 21:CLASS 22:Atom  
 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom  
 32:Atom 33:CLASS  
 34:CLASS 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom

L10 1 SEA FILE=REGISTRY SUB=L5 SSS FUL L7 AND L8  
 L14 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L10

=&gt; d l14 ibib abs hitstr hitind

L14 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 1967:412525 HCAPLUS Full-text  
 DOCUMENT NUMBER: 67:12525  
 ORIGINAL REFERENCE NO.: 67:2427a,2430a  
 TITLE: Vat dyes  
 INVENTOR(S): Hohmann, Walter  
 PATENT ASSIGNEE(S): Farbenfabriken Bayer A.-G.  
 SOURCE: Ger., 4 pp.  
 CODEN: GWXXAW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
DE 1232296		19670112	DE 1964-F42969	19640523
FR 1434038			FR	
GB 1087568			GB	

GI For diagram(s), see printed CA Issue.

AB Vat dyes are prepared by carbazolizing anthrimides, obtained by treating 1-chloro-4,5,8-tribenzamidoanthraquinone (I) with aminoanthraquinones. Thus, a mixture of I 20, 1-aminoanthraquinone (II) 9, Na<sub>2</sub>CO<sub>3</sub> 3.3, Cu mixture 2, and naphthalene 200 parts was boiled for 5 hrs., cooled to 130°, 200 parts PhCl added, the precipitate filtered at 80°, washed with PhCl, and the solvent and salts removed by steam-distillation to give 4,5,8-tribenzoyl-1,1'-dianthrimide (III), green in concentrated H<sub>2</sub>SO<sub>4</sub>, gray-blue flocks in H<sub>2</sub>O. III (10 parts) was added to a mixture of 40 parts AlCl<sub>3</sub> and 90 parts pyridine at 110°, heated for 1 hr. at 140° with partial distillation of pyridine, the melt taken up in dilute NaOH, heated at 80° with addition of NaCl, filtered and dried to give 10 parts IV, which dyed cotton gray from a red-brown vat. Similarly, other dyes were prepared from I (amine component, vat color, and shade given): 4-BzNH derivative of II, brown, black-brown; 5-BzNH derivative of II, -, gray-brown; 4,4'-diamino-1,1'-dianthrimide, -, greenish gray; 4-amino-1,1'-dianthrimide, khaki, blue-gray; 2-amino-3,4-phthaloylacridone, red-brown reddish gray; 5-aminoanthrapyrimidine, brown, black-brown. I condensed with 4-amino-1,1'-dianthrimidecarbazole gave the corresponding anthrimidemonocarbazole, yellow-brown, in H<sub>2</sub>SO<sub>4</sub>, olive green on cotton from a red-brown vat.

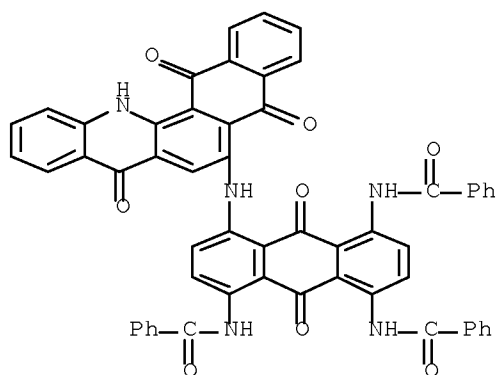
IT 15956-72-6P

RL: IMF (Industrial manufacture); PREP (Preparation)  
 (preparation of)

RN 15956-72-6 HCAPLUS

# 10/5776057

CN Benzamide, N,N',N''-[8-[(5,14-dihydro-5,8,14-trioxonaphth[2,3-c]acridan-6-yl)amino]-9,10-dihydro-9,10-dioxo-1,4,5-anthracenetriyl]tris- (8CI) (CA INDEX NAME)



IC C09B  
 CC 40 (Dyes, Fluorescent Brightening Agents, and Photosensitizers)  
 IT 6245-09-6DP, 7H-Benzo[e]perimidin-7-one, derivs. as dyes 15956-69-1P  
 15956-72-6P 15956-73-7P 16058-63-2P 16058-94-9P  
 16058-95-0P 16555-04-7P 16555-05-8P  
 RL: IMF (Industrial manufacture); PREP (Preparation)  
 (preparation of)

10/5776057

\*\*\*\*\* QUERY RESULTS \*\*\*\*\*  
(FORMULA 2a/3a)

=> d his l15

(FILE 'HCAPLUS' ENTERED AT 08:24:13 ON 11 SEP 2009)

L15            9 S L13  
              SAVE TEMP L14 NGU057HCAP1/A  
              SAVE TEMP L15 NGU057HCAP2/A

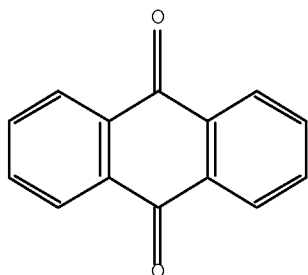
FILE 'STNGUIDE' ENTERED AT 08:26:41 ON 11 SEP 2009

FILE 'HCAPLUS' ENTERED AT 08:27:24 ON 11 SEP 2009

FILE 'STNGUIDE' ENTERED AT 08:27:27 ON 11 SEP 2009

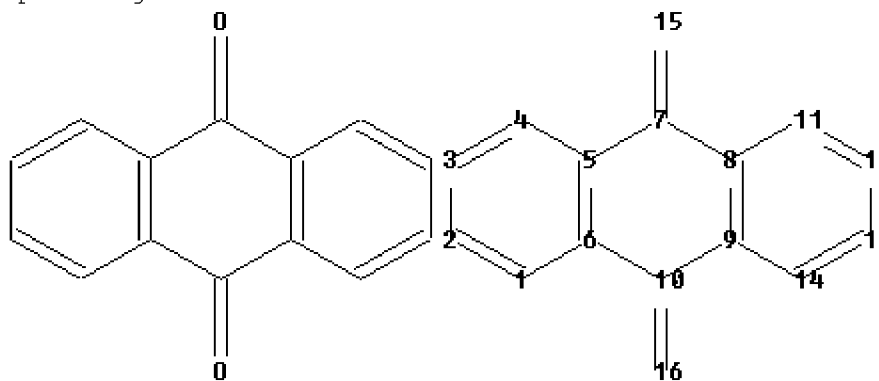
=> d que l15

L3            STR



Structure attributes must be viewed using STN Express query preparation:

Uploading L1.str



chain nodes :

15 16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

chain bonds :

7-15 10-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13  
13-14

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exact/norm bonds :

7-15 10-16

exact bonds :

5-7 6-10 7-8 9-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14

isolated ring systems :

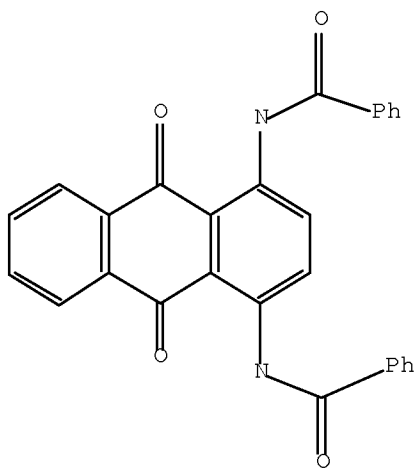
containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS

L5 72890 SEA FILE=REGISTRY SSS FUL L3  
L7 STR

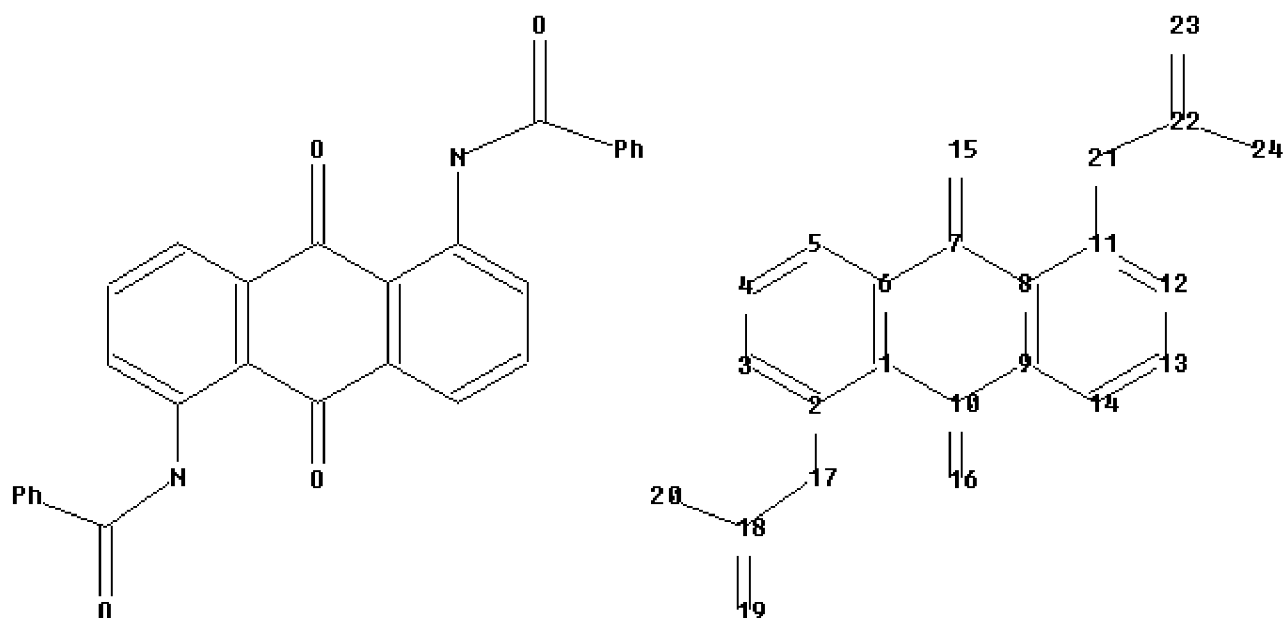


Structure attributes must be viewed using STN Express query preparation:

Uploading L2.str



10/5776057



```

chain nodes :
15 16 17 18 19 20 21 22 23 24
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
2-17 7-15 10-16 11-21 17-18 18-19 18-20 21-22 22-23 22-24
ring bonds :
1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14
exact/norm bonds :
2-17 7-15 10-16 11-21 17-18 18-19 21-22 22-23
exact bonds :
1-10 6-7 7-8 9-10 18-20 22-24
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14
isolated ring systems :
containing 1 :

```

```

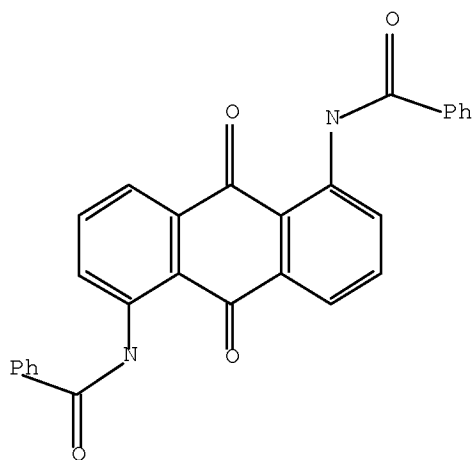
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS
22:CLASS 23:CLASS 24:CLASS

```

L11

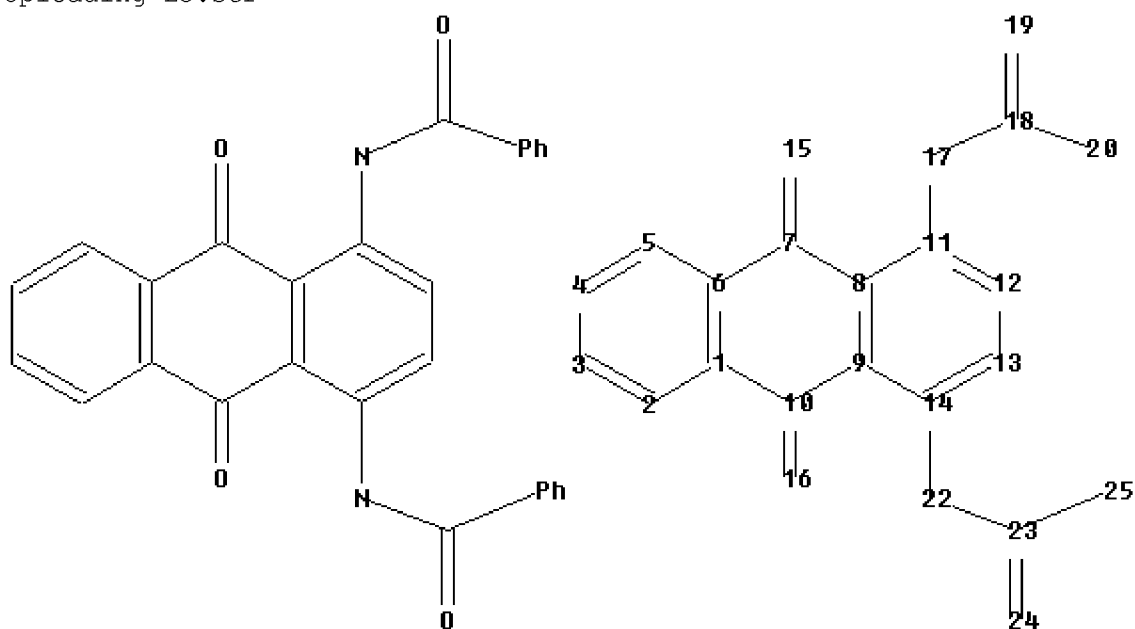
STR

10/5776057



Structure attributes must be viewed using STN Express query preparation:

Uploading L3.str



chain nodes :

15 16 17 18 19 20 22 23 24 25

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

chain bonds :

7-15 10-16 11-17 14-22 17-18 18-19 18-20 22-23 23-24 23-25

ring bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-11 9-10 9-14 11-12 12-13 13-14

exact/norm bonds :

7-15 10-16 11-17 14-22 17-18 18-19 22-23 23-24

exact bonds :

1-10 6-7 7-8 9-10 18-20 23-25

normalized bonds :  
 1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14  
 isolated ring systems :  
 containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
 19:CLASS 20:CLASS 22:CLASS  
 23:CLASS 24:CLASS 25:CLASS

L13 7 SEA FILE=REGISTRY SUB=L5 SSS FUL L7 AND L11  
 L15 9 SEA FILE=HCAPLUS ABB=ON PLU=ON L13

=> d l15 1-9 ibib abs hitstr hitind

L15 ANSWER 1 OF 9 HCAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2005:1109428 HCAPLUS Full-text

DOCUMENT NUMBER: 145:73230

TITLE: A second-generation liquid crystal phase-shifting  
 point-diffraction interferometer employing structured  
 substrates

AUTHOR(S): Marshall, Kenneth L.; Adlesberger, Kathleen; Kolodzie,  
 Benjamin; Myhre, Graham; Griffin, DeVon W.

CORPORATE SOURCE: Laboratory for Laser Energetics, University of  
 Rochester, Rochester, NY, 14623, USA

SOURCE: Proceedings of SPIE-The International Society for  
 Optical Engineering (2005), 5880(Optical Diagnostics),  
 58800D/1-58800D/12

CODEN: PSISDG; ISSN: 0277-786X

PUBLISHER: SPIE-The International Society for Optical Engineering

DOCUMENT TYPE: Journal

LANGUAGE: English

AB By design, point-diffraction interferometers are much less sensitive to  
 environmental disturbances than dual-path interferometers, but, until very  
 recently, have not been capable of phase shifting. The liquid crystal point-  
 diffraction interferometer (LCPDI) utilizes a dye-doped, liquid crystal (LC)  
 electro-optical device that functions as both the point-diffraction source and  
 the phase-shifting element, yielding a phase-shifting diagnostic device that  
 is significantly more compact and robust while using fewer optical elements  
 than conventional dual-path interferometers. These attributes make the LCPDI  
 of special interest for diagnostic applications in the scientific, com.,  
 military, and industrial sectors, where vibration insensitivity, power  
 requirements, size, weight, and cost are critical issues. Until very  
 recently, LCPDI devices have used a plastic microsphere embedded in the LC  
 fluid layer as the point-diffraction source. The process for fabricating  
 microsphere-based LCPDI devices is low-yield, labor-intensive, and very  
 "hands-on"; great care and skill are required to produce devices with adequate  
 interference fringe contrast for diagnostic measurements. With the goal of  
 evolving the LCPDI beyond the level of a laboratory prototype in mind, we have  
 developed "second-generation" LCPDI devices in which the reference-diffracting  
 elements are an integral part of the substrates by depositing a suitable  
 optical material (vapor-deposited thin films or photoresist) directly onto the  
 substrate surface. These "structured" substrates eliminate many of the  
 assembly difficulties and performance limitations of current LCPDI devices as

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\*\*\*\*\* SEARCH HISTORY \*\*\*\*\*

=> d his nof

(FILE 'HOME' ENTERED AT 08:15:34 ON 11 SEP 2009)

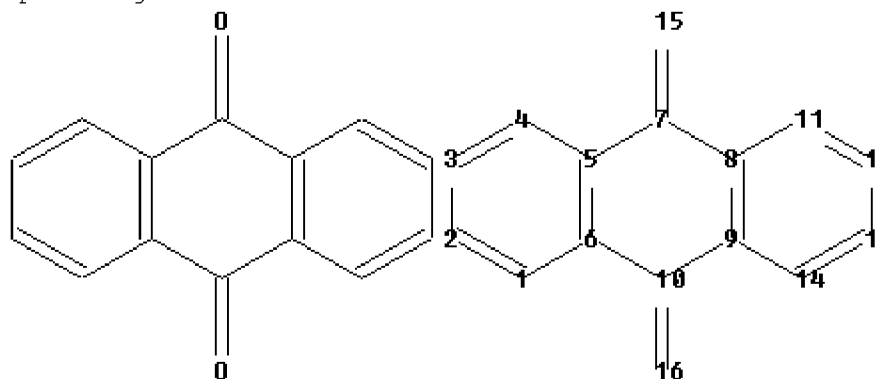
FILE 'HCAPLUS' ENTERED AT 08:15:56 ON 11 SEP 2009

L1 1 SEA ABB=ON PLU=ON US20070271712/PN  
SEL RN

FILE 'REGISTRY' ENTERED AT 08:16:27 ON 11 SEP 2009

L2 26 SEA ABB=ON PLU=ON (10114-51-9/BI OR 2987-68-0/BI OR 4058-46-2  
/BI OR 75311-89-6/BI OR 75312-67-3/BI OR 75312-68-4/BI OR  
75312-69-5/BI OR 75332-93-3/BI OR 75332-94-4/BI OR 81-73-2/BI  
OR 82-18-8/BI OR 851719-47-6/BI OR 851719-48-7/BI OR 851719-49-  
8/BI OR 851719-50-1/BI OR 851719-51-2/BI OR 851719-52-3/BI OR  
851719-53-4/BI OR 851719-54-5/BI OR 851719-55-6/BI OR 851719-56  
-7/BI OR 851719-57-8/BI OR 851719-58-9/BI OR 851719-59-0/BI OR  
851719-60-3/BI OR 851773-71-2/BI)  
L3 STRUCTURE UPLOADED  
D

Uploading L1.str



chain nodes :

15 16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

chain bonds :

7-15 10-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13  
13-14

exact/norm bonds :

7-15 10-16

exact bonds :

5-7 6-10 7-8 9-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14

isolated ring systems :

containing 1 :

Match level :

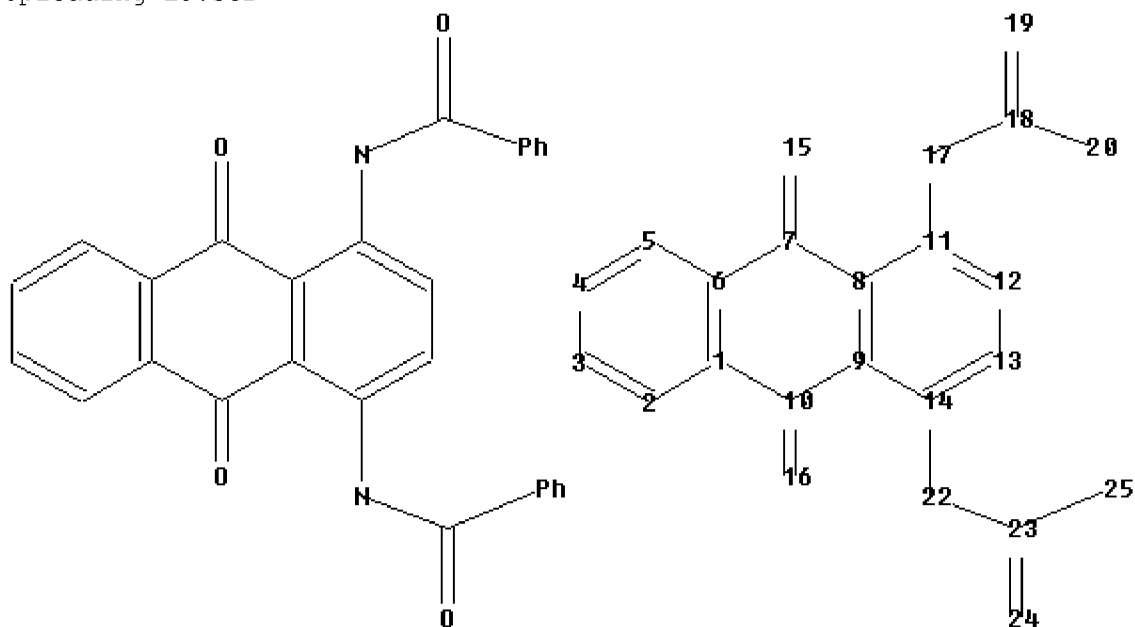
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS

```

L4          50 SEA SSS SAM L3
L5          72890 SEA SSS FUL L3
              SAVE TEMP L5 NGU057REGL1/A
L6          24 SEA ABB=ON PLU=ON L5 AND L2
L7          STRUCTURE UPLOADED
              D

```

Uploading L3.str



```

chain nodes :
15 16 17 18 19 20 22 23 24 25
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
7-15 10-16 11-17 14-22 17-18 18-19 18-20 22-23 23-24 23-25
ring bonds :
1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14
exact/norm bonds :
7-15 10-16 11-17 14-22 17-18 18-19 22-23 23-24
exact bonds :
1-10 6-7 7-8 9-10 18-20 23-25
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14
isolated ring systems :
containing 1 :

```

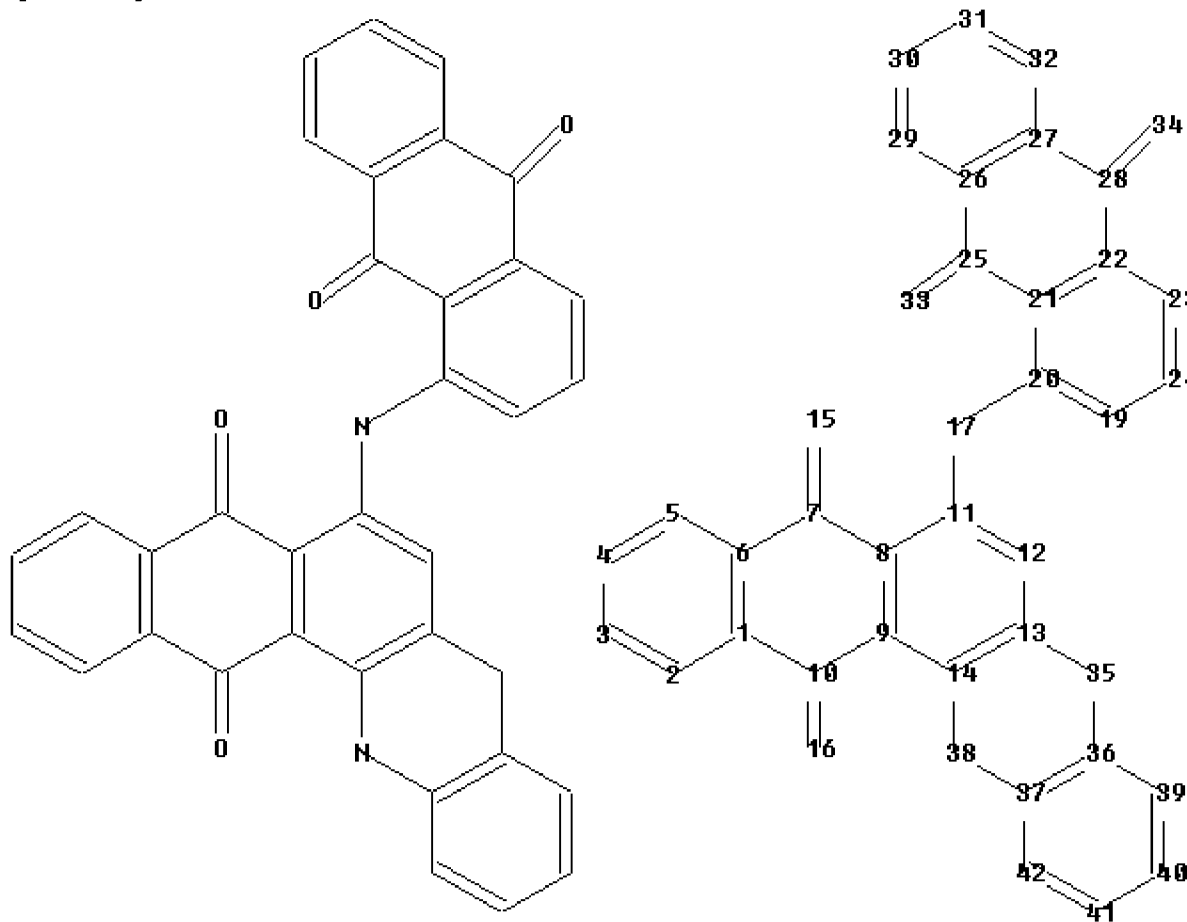
```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 22:CLASS
23:CLASS 24:CLASS 25:CLASS

```

L8 STRUCTURE UPLOADED  
D

Uploading L4.str



chain nodes :

15 16 17 33 34

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 35 36 37 38 39 40 41 42

chain bonds :

7-15 10-16 11-17 17-20 25-33 28-34

ring bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-11 9-10 9-14 11-12 12-13  
13-14 13-35 14-38 19-20 19-24 20-21 21-22 21-25 22-23 22-28 23-24 25-26  
26-27 26-29  
27-28 27-32 29-30 30-31 31-32 35-36 36-37 36-39 37-38 37-42 39-40 40-41  
41-42

exact/norm bonds :

1-10 6-7 7-8 7-15 9-10 10-16 11-17 13-35 14-38 17-20 25-33 28-34 35-36  
37-38

exact bonds :

21-25 22-28 25-26 27-28

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14 19-20 19-24

# 10/5776057

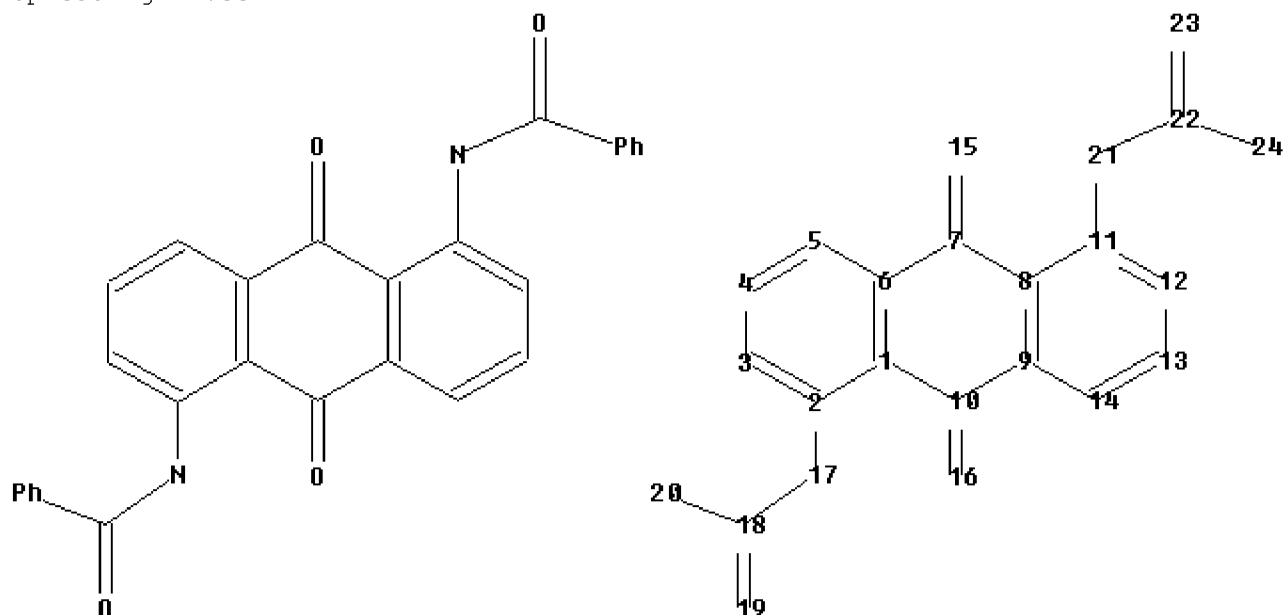
20-21 21-22 22-23 23-24 26-27 26-29 27-32 29-30 30-31 31-32 36-37 36-39  
 37-42 39-40  
 40-41 41-42  
 isolated ring systems :  
 containing 1 : 19 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 19:Atom 20:Atom  
 21:CLASS 22:Atom  
 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom  
 32:Atom 33:CLASS  
 34:CLASS 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom

L9 0 SEA SUB=L5 SSS SAM L7 AND L8  
 L10 1 SEA SUB=L5 SSS FUL L7 AND L8  
 D SCA  
 SAVE TEMP L10 NGU057RECOM1/A  
 L11 STRUCTURE UPLOADED  
 D

Uploading L2.str



chain nodes :

15 16 17 18 19 20 21 22 23 24

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

chain bonds :

2-17 7-15 10-16 11-21 17-18 18-19 18-20 21-22 22-23 22-24

ring bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-11 9-10 9-14 11-12 12-13  
 13-14

exact/norm bonds :

2-17 7-15 10-16 11-21 17-18 18-19 21-22 22-23

## 10/5776057

exact bonds :  
1-10 6-7 7-8 9-10 18-20 22-24  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14  
isolated ring systems :  
containing 1 :

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 20:CLASS 21:CLASS  
22:CLASS 23:CLASS 24:CLASS

L12 1 SEA SUB=L5 SSS SAM L7 AND L11  
D SCA

L13 7 SEA SUB=L5 SSS FUL L7 AND L11  
SAVE TEMP L13 NGU057RECOM2/A

FILE 'HCAPLUS' ENTERED AT 08:24:13 ON 11 SEP 2009  
L14 1 SEA ABB=ON PLU=ON L10  
D SCA TI  
D AU

L15 9 SEA ABB=ON PLU=ON L13  
SAVE TEMP L14 NGU057HCAP1/A  
SAVE TEMP L15 NGU057HCAP2/A

FILE 'STNGUIDE' ENTERED AT 08:26:41 ON 11 SEP 2009  
D QUE L14

FILE 'HCAPLUS' ENTERED AT 08:27:24 ON 11 SEP 2009  
D L14 IBIB ABS HITSTR HITIND

FILE 'STNGUIDE' ENTERED AT 08:27:27 ON 11 SEP 2009  
D QUE L5  
D QUE L15

FILE 'HCAPLUS' ENTERED AT 08:27:55 ON 11 SEP 2009  
D L15 1-9 IBIB ABS HITSTR HITIND

FILE 'STNGUIDE' ENTERED AT 08:27:58 ON 11 SEP 2009